

SKIRGIELLO, A.

"Treatise on botany" by M. Chadeffaud, L. Emberger. Reviewed by
A. Skirgiello. Wiadom botan 7 no.2:165-166 '63.

SKIRGIELLO, A.

"Hydnaceae family" by T.L. Nikolaiewa [Nikolayeva]. Reviewed by
A. Skirgiello. Wiadom botan 7 no.2:166-167 '63.

SKIRGIELLO, A.

"Morphologic and anatomic picture index for practical knowledge of fungi" by A. Birkenfeld, K. Herschel. Reviewed by A. Skirgiello, A. Wiadom botan 7 no.2:167 '63.

SKIRGELLO, O.B.

Ancient relief and karst in the middle Ural Valley. Biul. MOIP.
Otd. geol. 24 no.5:59-63 '49. (MIRA 11:5)
(Ural Valley--Paleogeography)

WINKLER, C. F.

SKINGELO, O. B. I ABRAMOV, S. K.

29034 Opolneniya i plasticheskie deformatsii otvalov (rva) i nery bor'by s
nimi. Gornyy zhurnal, 1949, No 9, S. 9-12

30: Letopisi' Zhurnal'nykh Statey, Vol. 39, Moskva, 1949

SKIRGELLO, O.B.

Find of clay sediments in the cross section of the Magnitogorsk
lower Carboniferous. Biul. MOIP Otd. geol. 26 no.2:70-72 '51.
(MIRA 11:5)

(Malyy Kizil Valley--Clay)

SKIROGELLO O.B.
ABRAMOV, S.K., kandidat tekhnicheskikh nauk; NAYFEL'D, L.R., inzhener;
SKIROGELLO, O.B., inzhener; SAFONOV, P.V., redaktor; SMOL'YANINA,
M.V., tekhnicheskiiy redaktor

[Drainage of industrial sites and urban areas] Drenazh promyshlen-
nykh ploshchadok i gorodskikh territorii. Moskva, Gos. izd-vo lit-
ry po stroitel'stvu i arkhitekture, 1954. 427 p. (MLRA 7:11)
(Sewerage)

ANDROS, I.P., inzh.; ASSONOV, V.A., kand. tekhn. nauk.; BERNSHTEYN, S.A., inzh.; BOKIY, B.V., prof.; BROVMAN, Ya.V., inzh. BONDARENKO, A.P., inzh.; BUCHNEV, V.K., kand. tekhn. nauk; VERESKUNOV, G.P., kand. tekhn. nauk; VOLKOV, A.F., inzh.; GELESKUL, M.N., kand. tekhn. nauk; GORODNICHYEV, V.M., inzh.; DEMENT'YEV, A.Ya., inzh.; DOKUCHAYEV, M.M., inzh.; DUBNOV, L.V., kand. tekhn. nauk; LEPIFANTSEV, Yu.K., kand. tekhn. nauk.; YERASHKO, I.S., inzh.; ZHUKDANOV, S.A., kand. tekhn. nauk; ZIL'BERBROD, A.F., inzh.; ZINCHENKO, E.M., inzh.; ZORI, A.S., inzh.; KAPLAN, L.B., inzh.; KATSAUROV, I.N., dots.; KITAYSKIY, E.V., inzh.; KRAVTSOV, Ye.P., inzh.; KRIVOROG, S.A., inzh.; KRINITSKIY, L.M., kand. tekhn. nauk; LITVIN, A.Z., inzh.; MALEVICH, N.A., kand. tekhn. nauk; MAN'KOVSKIY, G.I., doktor tekhn. nauk; MATKOVSKIY, A.L., inzh.; MINDELI, E.O., kand. tekhn. nauk; NAZAROV, P.P., kand. tekhn. nauk; NASONOV, I.D., kand. tekhn. nauk; NEYYENBURG, V.Ye., kand. tekhn. nauk; POKROVSKIY, G.I., prof., doktor tekhn. nauk; PROYAVKIN, E.T., kand. tekhn. nauk; ROZENBAUM, inzh.; ROSSI, B.D., kand. tekhn. nauk; SEMEVSKIY, V.N., doktor tekhn. nauk; SKIRGELLO, O.B., inzh.; SUKRUT, A.A., inzh.; SUKHANOV, A.F., prof., doktor tekhn. nauk; TARANOV, P.Ya., kand. tekhn. nauk; TOKAROVSKIY, D.I., inzh.; TRUPAK, N.G., prof., doktor tekhn. nauk; FEDOROV, S.A., prof., doktor tekhn. nauk; FEDYUKIN, V.A., inzh.; KHOKHLOVKIN, D.M., inzh.; KHRABROV, N.I., kand. tekhn. nauk; CHEKAREV, V.A., inzh.; CHERNAVKIN, N.N., inzh.; SHREYBER, B.P., kand. tekhn. nauk; EPOV, B.A., kand. tekhn. nauk; YAKUSHIN, N.P., kand. tekhn. nauk; YANCHUR, A.M., inzh.; YAKHONTOV, A.D., inzh.; POKROVSKIY, N.M., otvetstvennyy red.; KAPLUN, Ya.G. [deceased], red.; MONIN, G.I., red.; SAVITSKIY, V.T.,

(Continued on next card)

ANDROS, I.P.---(continued) Capit. 2.
red.; SANOVICH, P.O., red.; VOLOVICH, M.Z., inzh., red.; GORITSKIY,
A.V., inzh., red.; POLUYANOV, V.A., inzh., red.; FADEYEV, E.I.,
inzh., red.; CHEREKOV, L.V., red. izdat.: PROZOROVSKAYA, V.L.,
tekhn. red.; NADEINSKAYA, A.A., tekhn. red.

[Mining; an encyclopaedic handbook] Serbo: data; entsiklopedicheski
spravochnik. Glav. red. A.M. Torpigorov. Moskva, Gos. Nauchno-
tekhnicheskoe izd-vo lit-ry po ugolnoi promyshl. Vol. 3 [Mining
and timbering] Provedeniye i krepivniye raboty pri vyrabotke. Red-
kollegiya: N.N. Pektorskiy... 1956. 464 p. (MIRA 11:7)

(Mining timbering) (Mining engineering)

SOV/127-59-2-2/21
18(5),14(5)
AUTHORS: Chel'tsov, M.I., and Skirgello, O.B., Engineers
TITLE: On Drainage Problems at the Yakovlevskoye Iron-Ore Deposits (Problemy osusheniya Yakovlevskogo zhelezorudnogo mestorozhdeniya)
PERIODICAL: Gornyy zhurnal, 1959, Nr 2, pp 6-10 (USSR)
ABSTRACT: Fifteen or 17 million tons of rich iron ore are estimated to lie in the Yakovlevskaya and Pokrovskaya layers. The hydrogeological conditions of the deposits are very difficult. Some of the problems to be solved are absolutely new. The authors first shortly describe and illustrate the hydrogeological conditions of the area. There are 6 main wet layers. The ore itself is 550 m deep. A concise description of the preliminary drainage operations, according to the combined plans drawn up by the Yuzhgiproruda Institute and the Institut gornogo dela AN SSSR (Mining Institute of the AS SSSR). Drainage operations will take 2 or 3 years. Water-flow into the drainage canal will amount to 3,320 cu m/h or 6,640

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SOV/127-59-2-2/21

On Drainage Problems at the Yakovlevskoye Iron-Ore Deposits

cu m/h (eventually 8,850 cu m/h), if one calculates the combined Yakovlevskaya and Pokrovskaya layers. Filter shafts and observation mines will be bored with URB-3AM drills, drain mines thru hard layers with GP-1 and BA-100M boring installations. The immersion pumps used will deliver 100 cu m/h at 550 m pressure. Other pumps will be of the EN type produced by the "Borets" Plant as well as the APV pumps manufactured in Moscow. A total of 192 or 276 water-level-lowering mines will be drilled, 260,000 m (or 350,000 m) of mines and filter shafts, and 26,500 m (or 39,800 m) of drainage galleries will be opened. Drainage operations will cost 6 roubles and 11 kop. (or 7 roubles 82 kop.) for each ton of mined ore.

Card 2/3

SOV/127-59-2-2/21

On Drainage Problems at the **Yakovlevskoye Iron-Ore Deposits**

There are 2 schematic diagrams and 2 Soviet references.

ASSOCIATION: **Proyektnaya kontora Soyuzshakhtoosusheniye, Moskva**
(Projects Office Soyuzshakhtoosusheniye, Moscow)

Card 3/3

3(4)

SOV/132-59-9-9/13

AUTHORS: Skirgello, O.B. and Polyana, M.A.

TITLE: The Forecast of Water Inflow in Mines in Karstic Regions

PERIODICALS: Razvedka i okhrana nedr, 1959, Nr 9, pp 47-52 (USSR)

ABSTRACT: The authors propose a method of assessing the amount of inflowing water into mines situated in karstic regions, and the method was elaborated in connection with planning the drainage installations in the Estonian Oil shale mines. The method is based on the calculation, based on factual observations, of the inflow of ground waters in the mines, and on the calculation of the inflow of water due to atmospheric precipitation based on the method of mathematical statistics. The inflow of ground waters was calculated in relation to the general perimeter of mined surface according to data from factual observations made during the 1950-1957 period and fixed at 0.09 to 0.155 cu m/hour for each m of mined surface.

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SOV/132-59-9-9/13

The Forecast of Water Inflow in Mines in Karstic Regions

The assessing of the maximum inflow of water due to atmospheric precipitation in springtime was made by the method of mathematical statistics. A curve was drawn using the dependance of the total inflow of ground waters on the amount of winter and spring precipitation according to an 11-year-long observation of this inflow (Figure 2). On the other hand, the amount of spring water inflow depends on the dimensions of working surfaces of mines which act as collectors and drains for the waters produced by atmospheric precipitation and melting snow. All these dependences taken into consideration, the amount of spring water-inflow in the mines can be assessed in relation to the total amount of winter-spring precipitation. From observations of atmospheric precipitation over a 59 year period, the authors plotted a reliability curve of these precipitations (Figure 3) on the following parameters: x_1 - the amount of winter-spring precipitation in any given year of the 59-year-long period; average arithmetical value of precipita-

Card 2/3

SOV/132-59-9-9/13

The Forecast of Water Inflow in Mines in Karstic Regions

tion (x_o) is equal to 200 mm; the variation coefficient C_v is 0.21 and the asymmetric coefficient C_s equals $2C_v$. The correctness of selection is shown by the coincidence of the theoretical and empirical reliability curves. The authors further demonstrate an example of a practical assessing of the amount of inflowing waters in the mines. There are 2 graphs, 1 diagram and 2 Soviet references.

ASSOCIATION: Proyektnaya kontora Soyuzshakhtoosusheniya (Planning Office of the Soyuzshakhtoosusheniye).

Card 3/3

CHEL'TSOV, Mikhail Ivanovich; SLOBOIKIN, Dmitriy Savvich; FADEYEV, Yevgeniy Ivanovich; SKIRGELLO, Ol'gerd Boleslavovich; POLYAK, Aron L'vovich; ZHUK, Boris Vasil'yevich; POLYAKOV, Nikolay Mikhaylovich; NIKOLAYENKO, Aleksey Timofeyevich; FAYNBERG, Grigoriy Solomonovich; YUDITSKIY, Grigoriy Izrailevich; DOROSHENKO, Grigoriy Nesterovich; TRUPAK, N.G., prof., doktor tekhn. nauk, obshchiy red.; SMIRNOV, L.V., red.izd-va; KONDRAT'YEVA, M.A., tekhn.red.

[Handbook on special methods of shaft sinking] Spravochnik po prokhodke stvolov shakht spetsial'nymi sposobami. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 383 p.
(MIRA 13:4)

(Shaft sinking)

ABRAMOV, Sergey Koz'mich; SKIRGELLO, Ol'gerd Boleslavovich; CHKL'-
TSOV, Mikhail Ivanovich; RATNIKOVA, A.P., red. izd-va; IL'IN-
SKAYA, G.M., tekhn. red.

[Draining coal deposit mine fields and strip mines] Osu-
shenie shakhtnykh polei i kar'erov igol'nykh mestorozhdenii.
Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu,
1961. 398 p. (MIRA 14:5)

(Mine drainage)

SKIRGELLO, O.B., inzh.; TVERDOKHLEBOV, I.P., inzh.

Experiment in the lowering of a deep ground-water level.
Shakht.stroi. 6 no.1:21-24 Ja '62. (MIRA 14:12)

1. TaNIIgorosusheniye.
(Mine drainage)

SKINCELLO, C.B., Inch.

Expenses for draining; deposits must be lowered. Shakt. strel. 8
no. 9-11 Ag '64. (IRA 17:9)

1. Tamilgorosunhonyo.

SKIRGIELLO, A.

From the history of mycology; on the occasion of the 120th anniversary of the death of Christian Hendrik Persoon. p. 41

WIADOMOSCI BOTANICZNE. (Polskie Towarzystwo Botaniczne) Krakow, Poland.
Vol. 1, no. 1/2, 1957.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

SKIRGIELLO, A.; CZYZEWSKA, S.

From the 2d Congress of German Microbiologists in Gatersleben, German Democratic Republic, September 4-9, 1961.

SKIRGIELLO, A.

Appeal of the "Committee for Mapping of Macromycetes in Europe"
to botanists, mycologists and amateur mycologists. Wiadom botan
6 no.4:339-346 '62.

SKIRGIELLO, A.

Report from a stay in Sopron attending the 2d Congress of
Hungarian Mycologists. Wiadom botan 7 no.1:78-79 '63.

SZCZEPANSKI, K.; WLODEK, J.; SKIRGILLO-JACEWICZ, A.

A field experiment on fertilizing Antonowka apple trees. Roczniki nauk rolniczych 83 no.3:669-694 '61.

1. Szkoła Główna Gospodarstwa Wiejskiego, Instytut Sadownictwa, Skierniewice.

BRININ V., ALEXANDER STEFANOVICH.

Kurs obshchei fotogrammetrii. Moskva, Izd-vo geodezicheskoi i kartograficheskoi lit-ry, 1942. 284 p., illus., diags.

Bibliography: p. 284.

Title tr.: A course of general photogrammetry.

TA593.S5

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

SKIRIDOV, A.S., professor, doktor tekhnicheskikh nauk; LEVCHUK, G.P.,
~~redaktor~~; SHLENSKIY, I.A., tekhnicheskiiy redaktor.

[Stereophotogrammetry] Stereofotogrammetriia. Moskva, Izd-vo
geodezicheskoi i kartograficheskoi lit-ry, 1951. 356 p.(MLBA 8:11)
(Photogrammetry)

SKIRIDOV, A. S.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Skiridov, A. S.	"Stereophotogrammetry"	Moscow Institute of Engineers of Geodesy, Aerial Photography and Cartography

SO: W-30604, 7 July 1954

SKIRIDOV, A.S., doktor tekhn.nauk prof.

Base conditions in three-dimensional photographic triangulation.
Trudy MIIGAIK no.29:5-10 '57. (MIRA 11:5)

1.Kafedra fotogrammetrii Moskovskogo instituta inzhenerov geodezii
aerofotos"yemki i kartografii.
(Triangulation) (Photographic surveying)

SKIRTS, B.K.

807/3776

PHASE I BOOK EXPLANATION

Directional Research and Developmental Planning Institute

Automatizatsiya i priborostroyeniye: sbornik nauchnykh trudov, vyp. 1.
(Automation and Instrument Making: Collected Scientific Works, No. 1)
Kiev, Gosizdat Vses, 1959. 107 p. 5,000 copies printed.
Ed.: V. Demitryev, Ed.: I. Gusev; Editorial Board: P.M. Mol'nik
(Chief Ed.), N.T. Zhurav, G.S. Kryzhan, I.A. Orlov, (Resp. Ed.),
L.A. Shoykhet, and N.V. Iariv.
PURPOSE: This collection of articles is intended for scientific and technical
workers and for students of schools of higher education specializing in
automation, telemechanics, and computing.
COVERAGE: The collection contains papers on the automation of metallurgical,
chemical and power engineering and on the development of new instruments,
telemechanical units, and a program control system for turret lathe.
A bibliography on automatic analysis of solutions containing 61 items:
42 Soviet, 5 English, 5 German, 4 French and 1 Polish is included. No person-
alities are mentioned.

Automation of Industrial Processes

Korobko, M.Y., A.G. Strizhenko, V.H. Korotkevich, V.I. Kostyuk, --
A.I. Tshub, V.A. Kryzhan. Automation Systems for Open-Hearth
Thermal Processes 9
Korobko, M.I., V.I. Kostyuk. Open-Hearth Control System 14
Shustlov, I.A., B.G. Mikheylov. Automatic Inspection and
Control of Heat Distribution in Open-Hearth Furnaces 17
Popov, B.B. New Indirect Method for the Automatic Analysis of
Multicomponent Solutions 22
Stern, G.A., Yu.F. Kobas, V.Ye. Gitsis, V.H. Aranas'yer. Program
Control System of Turret Lathe 29
Stern, G.A., and O.F. Partitskiy. Shift Pickup Called "Magnetic
Stop" 33

Automation Equipment

Imeson, V.L. Comparison of Methods of Selecting Telemechanic
Frequency Codes 39
Shits, B.K. and V.I. Topov. Circuitry for Synchronous Reception
of Telemechanic Frequency Codes (Synchronous Generator-Millars)
34
Shteyn, V.M., V.P. Kovalenko. Calculator "Kremer" for the
Economic Distribution of Active Load in Power System 40
Shteyn, V.M. and V.I. Topov. Basis for Selecting Criterion
With Regard to the Necessity of Rerouting Set Loaders During
Distribution of Load Among Electric Power Stations. 55
Pechen, V.F. and V.A. Lepiy. Electronic Load Controller 61
Vagov, I.V., A.I. Korobko, V.H. Korotkevich, L.P. Titarenko.
Concentration Meter for Potassium Salt Solutions 64
Yevorich, V.A., E.M. Krolavets, Yu.M. Litavskiy. Highly
Sensitive Germanium Photoresistor 69
Pomenko, V.A. and B.Y. Vasil'yev. Onid-Welded Germanium
Pulse Diode 71

Automatic Control

Shirshov, G.D. New Principle of Control Using High-Speed Nonlinear
Controllers for Industrial Processes With Considerable Lag 75
Griabinski, V.P. and Yu.I. Semylenko. Approximate Methods for
Selecting Optimum Adjustments of Discontinuous Control Systems 80
Lodiyev, B.Ye. and A.V. Ogrodnik. Selection of Control
Parameters for a Mercury-Pool Electrolytic Bath 87

3(4)

PHASE I BOOK EXPLOITATION SOV/2308

Skiridov, Aleksey Stepanovich, Doctor of Technical Sciences,
Professor

Stereofotogrammetriya (Stereophotogrammetry) 2d ed., enl.
Moscow, Geodezizdat, 1959. 540 p. Errata slip inserted.
5,000 copies printed

Ed.: G.P. Levchuk; Ed. of Publishing House: I.I. Khromchenko;
Tech. Ed.: V.V. Romanova.

PURPOSE: This book is intended for photogrammetrists and teachers
of photogrammetry.

COVERAGE: This book represents a complete course in the science
of photogrammetry in the strictest sense. The usual supple-
mentary courses in aerial photography, geodetic measurements
and cartography are eliminated and some 500 pages are devoted
to intensive study of the theory and practice of photogramme-
tric measurements. The physical and mathematical principles
of most standard instruments used throughout the world are

Card 1/14

Aleksai Stepanovich Skiridov; obituary. Geod. i kart. no.2:76-78
F '64. (MIRA 17:3)

1. SKIRIDCV, I. S.
2. USSR (600)
4. Lubrication and Lubricants
7. Improving the filtration of lubricating oil in the tractor engine KD-35. Avt. trakt. prom. no. 10, '52.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SKIRIDOV, I.S.
VELICHKIN, I.N., inzhener; SKIRIDOV, I.S., inzhener.

How to improve crankcase oil filtering in the D-54 and G-58
engines. Torf.prom.32 no.1:16-17 '55. (MIRA 8:3)

1. Nauchno-issledovatel'skiy avtotraktorny institut.
(Gas and oil engines--Filters)

—
DOLGOV, Z.A., doktor tekhn. nauk; SKIRDOV, I.V., kand. tekhn. nauk;
KULIKOVA, G.P.; SHPIRT, Ye.A.

New materials for pneumatic aerators. Vod. i san. tekhn. no.11:
1-3 N '65. (MIRA 18:12)

L 19683-65 EWT(1)/EWT(m)/EPF(c)/RPR/ENP(j)/T/EDD(b)-3 Po-4/Pr-4/Pa-4/Pas-2 IJP(c)/
 ACCESSION NR: AP5003604 RPL WW/RM 8/0191/64/000/007/0036/0038

AUTHOR: Rogov, V. M.; Smirnov, V. B.; Skirdova, K. M.; Shifrina, M. R.; Goncharova, Z. F.

TITLE: Question of printing on polyethylene films

SOURCE: Plasticheskiye massy, no. 7, 1964, 36-38

TOPIC TAGS: synthetic material, printing ink, dye chemical

Abstract: Recipes of printing dyes,¹⁶ mentioned in patent and literature sources, as well as various resins, were tested as bonding dyes for printing on polyethylene films. The tests determined their suitability for deep printing on a multidye machine, operating at a speed of 1.5-75 m/min; drying on polyethylene films (for 2-3 min at 70°C); aggregative stability of the printed dye (no less than 24 hours); stability of the imprints to dry and wet friction and to repeated bending (under a load of 600 grams). The dyes were applied on polyethylene films 60 ± 10 microns thick, the surface of which was treated: 1) with a chromic mixture at 75°C for three minutes; 2) with a corona discharge at a voltage of about 15-20 kilovolts; 3) with a corona discharge on a laboratory setup for 1 min at a voltage of 15 kilovolts and a distance between the electrodes of 2-3 mm. Recipes and

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L 19683-65
ACCESSION NR: AP5003604

results of tests are given for dyes compiled according to recipes of foreign patents, dyes in the form of a solution of polyethylene in aromatic solvents, dyes based on polyamide resins, dyes based on urethane and epoxide resin, dyes based on methylolpolyamide resin MPP-1^b and methylolpolyamide and epoxide resins, dyes based on copolymers of vinyl chloride and vinylbutyl ether, methacrylate and copolymers of methacrylic acid esters, and dyes based on alkyd resin. Preliminary treatment of the film was found to exert influence on the strength of the printed figure; the chemical method of treatment was most effective, but the electrical method is most suitable under industrial conditions and most economical. Orig. art. has 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, 00

NO REF SOV: 004

OTHER: 002

JPLS

Card 2/2

SZAFER, Wladyslaw; GONDEK, Jozef; ZURZYCKI, J.; OLSZEWski, J.; STUCHLIK, Leon;
KORNAS, Jan; SKIRGIELLO, A.

Reviews. Wiadom botan 8 no.3/4: Suppl: Biul ogrod botan no.3/4:257-266
'64.

SKIRIPKO, A.Ya.

Sound signaling for shunting locomotives. Avtom., telen. i sviaz'
no.4:29-30 Ap '57. (MIRA 11:4)

1. Glavnyy inzh. sluzhby signalizatsii i svyazi Gor'kovskoy dorogi.
(Railroads--Signaling)

SKIRIPOV, V. P.

"Thermodynamic Stability of a Liquid and Crisis of Boiling."

Report submitted for the Conference on Heat and Mass Transfer, Minsk,
BSSR, June 1961.

SKIRKA, O.

"An instrument for measuring gears."

p. 575 (Strojirenska Vyroba) Vol. 5, no. 12, Dec. 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

SKIRKO, B.K.

Distribution of phosphatase activity in the tissues of the digestive system
(MLRA 6:12)
Von.pit. 12 no.6:38-47 N-D '53.

1. Iz laboratorii patologicheskoy morfologii (zaveduyushchiy - doktor meditsinskikh nauk M.I.Razumov) Instituta pitaniya Akademii meditsinskikh nauk SSSR (Moscow). (Digestive organs) (Phosphatase)

RAZUMOV, M.I.; MAKARYCHEV, A.I.; SKIRKO, B.K.; KAZAKOVA, Z.A. (Moskva)

Impairment of carbohydrate metabolism in the central nervous system in dogs in experimental hypertension of cortical origin; histochemical investigations. Arkh.pat. 22 no.5:26-35 '60. (MIRA 13:9)

1. Iz laboratorii patologicheskoy morfologii (zav. M.I. Razumov)
i laboratorii vysshey nervnoy deyatel'nosti (zav. A.I. Makarychev)
Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR
prof. O.P. Molchanova).

(BRAIN)

(GLYCOGEN METABOLISM)
(CONDITIONED RESPONSE)

(HYPERTENSION)

RAZUMOV, M.I.; SKIRKO, B.K.; GRUBINA, A.Yu.; YEZHOVA, Ye.N.

Significance of the crystalline and amorphous variety of silicon
dioxide in the etiology and pathogenesis of silicosis. Arkh.pat.
22 no.2:38-46 '60. (MIRA 13:12)
(LUNGS—DUST DISEASES) (SILICA)

SKIRKO, B.K., BRAKSH, T.A.

Effect of various amounts of dietary histidine on conditioned reflex activity and histological changes in white rat organs.
Vop. pit. 20 no. 1:60-68 Ja-F '61. (MIRA 14:2)

1. Iz laboratorii morfologii (zav. - doktor med.nauk M.I. Razumov)
i laboratorii vysshey nervnoy deyatel'nosti (zav. - prof. A.I.
Makaryechev [deceased] Instituta pitaniya AMN SSSR, Moskva.
(HISTIDINE) (CONDITIONED RESPONSE)

GRUBINA, A.Yu.; KRAYKO, Ye.A.; MASLENIKOVA, Ye.M.; RAZUMOV, M.I.; SERGEYEVA,
M.A.; SKIRKO, B.K.; SHISHOVA, O.A.

Effect of food enriched by methionine on the development of
experimental silicosis in white rats. Vop.pit. 20 no.3:41-46 My-
Je '61. (MIRA 14:6)

1. Iz Instituta pitaniya AMN SSSR, Moskva.
(LUNGS—DUST DISEASES) (METHIONINE) (DIET)

GRUBINA, A.Yu.; YEZHOVA, Ye.N. [deceased]; KRAYKO, Ye.A.;
MASLENIKOVA, Ye.M.; RAZUMOV, M.I.; SERGEYEVA, M.A.;
SKIFKO, B.K.

Influence of riboflavin on the course of experimental silicosis
in white rats. Vop. pit. 20 no.6:40-45 N-D '61. (MIRA 15:6)

1. Iz Instituta pitaniya AMN SSSR, Moskva.
(LUNGS--DUST DISEASES)
(RIBOFLAVIN--PHYSIOLOGICAL EFFECT)

RAZUMOV, M. I.; SKIRKO, B. K.; GRUBINA, A. Yu. (Moskva)

Influence of massive doses of vitamin B₂ on the development and course of experimental silicosis in white rats. Arkh. pat. no.8: 55-62 '61. (MIRA 15:4)

1. Iz Instituta pitaniya AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. O. P. Molchanova)

(RIBOFLAVIN) (LUNGS--DUST DISEASES)

RAZUMOV, M.I.; SKIRKO, B.K.; GRUBINA, A.Yu. (Moskva)

Comparative data on the silicogenic influence of different preparations of quartz (Experimental study). Arkh.pat. no.3: 13-20 '62. (MIRA 15:3)

1. Iz laboratorii patologicheskoy morfologii (rukovoditel' - doktor med.nauk M.I. Razumov) i laboratorii otmena veshchestv i energii (rukovoditel' - prof. O.P. Molchanova) Instituta pitaniya AMN SSSR.
(QUARTZ--TOXICOLOGY) (LUNGS--DUST DISEASES)

SKIRKO, B.K.; BRAKSH, T.A.

Some histological changes in organs of white rats as a result
of a disorder of amino acid balance in the diet. Vop.pit 21
no.4:15-20 J1-Ag '62. (MIRA 15:12)

1. Iz laboratorii patologicheskoy morfologii (zav. - doktor
med.nauk M.I.Razumov) i laboratorii vysshey nervnoy deyatel'-
nosti (zav. - prof. A.I.Makarychev [deceased]) Instituta
pitaniya AMN SSSR, Moskva.
(AMINO ACIDS) (DEFICIENCY DISEASES)

... (MIRA 17:10)
... (MIRA 17:10)
... (MIRA 17:10)

Effect of riboflavin- and methionine-enriched diets on the
course of experimental silicosis. Vop. pit. 32 n ...:35-38
(MIRA 17:10)

... (MIRA 17:10)

SKIRKO, B.K.

Problems in the pathogenesis of silicosis. Arkh. pat. 25 no.11:3-12 '63.
(MIRA 17:12)

1. Iz laboratorli patologicheskoy morfologii (zav. - doktor med. nauk
M.I.Razumov) Instituta pitaniya (dir. - chlen-korrespondent AMN SSSR)
prof. A.A. Pokrovskiy) AMN SSSR.

SHISHOVA, O.A.; SKIRKO, B.K.

Role of phosphatidase in the mechanism of amino acid absorption
in the intestine. Vop. pit. 23 no.5:23-28 S-O '64.

(MIRA 16:5)

I. laboratoriya biokhimii pitaniya (zav. - doktor biologicheskikh
rank M.P.Chernikov) i laboratoriya patologicheskoy morfologii
(zav. - prof. N.V.Meshkov) Instituta pitaniya AMN SSSR, Moskva.

Shifra, . . .

20722. Skirya, B. Z. Novyye varianty sistemy razrabotki s mashinirovaniyem rudn.
Mekhanizatsiya trudovoykh i lyaz'nykh kobot, 1949, No. 6, s. 31-32

SO: LITOPIS ZHURNAL STATEY - Vol. 28, Moskva, 1949

CA

2

Concentration of mining waste piles in field concentration plants. D. Z. Shirkov, *Gornyi Zhur.* 1951, No. 2, 32-3. The construction and operation of a field concn. plant for treating mine waste are described. The waste contains 40.52% of Fe. Waste contg. 45.7% Fe was concd. to 50.8% Fe. M. Hosh

CA

Concentration of contaminated Krivoy Rog Basin ores
 1) L. Sklyar, S. Vinogradov, M. A. Al'tshuler, and I. G.
 Donchenko. *Gornyi Zhurnal*, 1952, No. 2, 25-32. Discuss-
 ion of the paper by Derkach and Krasovitch. *Ibid.* 45.
 70312. The suitability of conen in heavy liquids and by
 dry magnetic sepn is disputed. Two alternate schemes
 are proposed for small-size lumps and the other for larger size, are out-
 lined. S. K. Gorchakov and V. I. Karmazin. *Ibid.* 42 n.
 Conen schemes for lumps, fines, and intermediates are out-
 lined. Each of the schemes comprises several possibilities
 to be used in conen of kinds of ore falling in one of the 3
 classes, yet differing from one another. A. I. Batanov.
Ibid. 46 7. A flow-sheet is presented based on dry magnetic
 sepn of the original ore in a strong field after classifying the
 ore into 25-12, 12-5, and 5-0.5 mm size. The concentrate
 from the largest size is recycled for further use. The tailings
 are combined, and subjected to a reducing roast. The
 concentrate is combined with the 1st concentrate of the 12-5
 mm class, and the whole is agglomerated. M. Hosh.

SKIRKO, D. Z.

Strip Mining

Introducing strip mining of iron ore on a wide scale. Mekh. trud. rab. 6, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. UNCLASSIFIED.

WYPER, J. L.

MINING EQUIPMENT

Introducing bord-and-pillar mining with ore storage at the "Kovale" mine. Gor. zsmr.
126 no. 6 (1952)

7. MONTHLY LIST OF RUSSIAN INVENTIONS, Library of Congress, September 1952. Uncl.

YEVDOKIMOV, V.G.; ROZENBERG, I.I.; SKIRKO, S.F.; MATTER, I.M.,
dots., red.

[Physics textbook; collection of problems with solutions]
Uchebnoe posobie po fizike; sbornik zadach s resheniyami.
Leningrad, Leningr. elektrotekhn. in-t svyazi. 1964. 173 p.
(MIRA 18:7)

SKIRLO, Henryk, inz.; KOZUB, Jozef, mgr. inz.; SOWIK, Jan, inz.

Bent bar screens and their application in coal washeries.
Przegl gorn 18 no.5:293-296 My '62.

SKIRNIYAKOV, N. N.

Journal of Applied Chemistry
May 1954
Industrial Inorganic Chemistry

4
③
Origin of the effect of low-solubility impurities on the kinetics of ageing of alloys. V. I. Arkharov, B. N. Varskol, and N. N. Skirniyakov (Dokl. Akad. Nauk. SSSR, 1953, 88, 1003-1006). The acceleration of the ageing of Cu-Ag alloys by small amounts of Sb cannot be explained by a reduction of the solubility of Ag in Cu, since this is small, and must be caused by adsorption at grain boundaries. Small additions of Ag and Zn accelerate the ageing of Cu-Al alloys, apparently by the same mechanism.
R. C. MURRAY.

USSR/Human and Animal Physiology. The Nervous System.

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36883.

Author : Skirskaya, E.B., Silich, T.P.

Inst :

Title : The Metabolism of Some Phosphorus Containing Compounds
in the Brain of Rats During Medicamental Sleep of
Various Duration.

Orig Pub: Ukr. biokhim zh., 1957, 29, No 1, 33-41.

Abstract: In rats under the effect of medicamental sleep for
periods of 1 to 9 days, the rate of inclusion of P³²
in all the fractions decreased and the value of P
containing compounds of the brain was lower than
normal. Inclusion of P³² was inhibited more during
the longer periods of sleep than during the shorter

Card : 1/2

USSR/Human and Animal Physiology. The Nervous System.

T

Abn Jour: Ref Zhur-Biol., No 6, 1958, 36883.

periods. When the injection of P³² was made 2 hours prior to death, the depressing effect of sleep was more marked than when P³² was injected 4 hours before the sacrificing of the animal.

Card : 2/2

115

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESS AND PROPERTIES INDEX																			
<p>8c</p> <p>Electrolytic preparation of ammonium persulfate. II. Balance of electrical energy. V. V. SYNDEN and R. I. SHIMONAKAJA. III. Electrode cell. V. V. SYNDEN and I. G. SHONIKHI (J. Appl. Chem. Russ., 1967, 20, 1339-1351, 1352-1364; of. A., 1967, 1, 546).—II. The velocity of the side reaction $H_2O_2 \rightarrow H_2O + O$, in the electrolytic oxidation of $(NH_4)_2SO_4$, falls with increasing $[H_2SO_4]$ of the electrolyte, and is inhibited by NH_4CN. The velocity of the processes $H_2O_2 + H_2O \rightarrow H_2SO_4 + H_2SO_4$; $H_2SO_4 + H_2O \rightarrow H_2SO_4 + H_2O$; $H_2SO_4 + H_2O \rightarrow H_2SO_4 + H_2O + O_2$; $H_2SO_4 + O \rightarrow H_2SO_4 + O_2$, varies inversely with the $[H_2SO_4]$, that of direct decomp. of $(NH_4)_2S_2O_8$ with production of NH_4HSO_4 is $\propto [(NH_4)_2S_2O_8]$ and to the $[H_2SO_4]$, and those of production and diffusion of O_2 are independent of the $[H_2SO_4]$. The highest yields of $(NH_4)_2S_2O_8$ were obtained with an electrolyte containing $(NH_4)_2SO_4$ 200, H_2SO_4 225, and NH_4CN 0.5 g. per litre.</p> <p>III. A cathode cell, consisting of a perforated Pb cup separated from the electrolyte by a non-porous ebonite diaphragm, is described. Max. yields of 75-80% of $(NH_4)_2S_2O_8$ are obtained. R.T.</p>																			
<p>ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>15000 STEELING</p> <p>150000 HEP OXY GSC</p> <p>RELATIONS</p> <p>150000 HEP OXY GSC</p>																			

[illegible]

SKIRSTYMONSKAYA, B.I.

Study of the cathode processes in joint electrodeposition of lead and copper. Zhur.prikl. khim. 31 no.3:408-419 Mr '58. (MIRA 11:4)

1. Leningradskiy elektrotekhnicheskiy institut im. V.I. Ul'yanova (Lenina).

(Lead-copper alloys) (Electroplating)

SKIRSTYMONSKAYA, B. I., LANTRATOV, M. F.

Simultaneous discharge of a metal and hydrogen. Zhur.prikl.khim.
33 no.5:1128-1133 My '60. (MIRA 13:7)
(Electroplating) (Reduction, Electrolytic)

SKIRSTYMONSKAYA, B.I.; LANTRATOV, M.F.

Simultaneous liberation of a double metallic alloy and hydrogen. Zhur.prikl.khim. 33 no.7:1552-1556 J1 '60.
(MIRA 13:7)

(Copper-zinc alloys) (Hydrogen)

S/076/62/036/011/009/021
B101/B180

AUTHORS: Lantratov, M. F., and Skirstymonskaya, B. I. (Leningrad)
TITLE: Depolarization in the deposition of alkali metals on liquid cathodes

PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 11, 1962, 2442 - 2447

TEXT: The decomposition voltages of pure KCl (810°C) and NaCl (850°C) were measured on solid (Mo, Fe, Ni) and liquid (Zn, Pb, Sn, Bi, Sb) cathodes. $\Delta\phi$ the depolarization was determined for deposition of K and Na on liquid cathodes and compared with the values calculated from thermodynamic data. The results (Table 2) show that the depolarization depends on the nature of the liquid cathode and on the nature of interaction during the formation of the alloy. The relations obtained can be applied to other examples of liquid alloys produced on the cathode by the electrolysis of fused salts. There are 2 figures and 2 tables. ✓

ASSOCIATION: Leningradskiy elektrotekhnicheskiy institut im. V. I. Ul'yanova (Lenina) (Leningrad Electrotechnical Institute imeni V. I. Ul'yanov (Lenin))

L 13572-63

EWP(q)/EWT(m)/BDS

AFTTC/ASD JD

ACCESSION NR: AP3000185

8/0080/63/036/004/0807/0813

AUTHOR: Skirsty*monskaya, B. I.

TITLE: Conditions for the simultaneous electrodeposition of metals with the formation of an alloy (Report 3 in a series of studies on problems of simultaneous discharge of ions)

SOURCE: Zhurnal prikladnoy khimii, v. 36, no. 4, 1963, 807-813

TOPIC TAGS: electrodeposition, depolarization, depolarization of Zn, Cu surface polarization, kinetics of metal deposition, Cu--Zn alloy, copper-base alloy

ABSTRACT: In investigating thermodynamic conditions of alloy formation, it was established that the amount of depolarization due to change in the energy state of the metal determines the composition of the alloy and the character of the reaction of the components. Depolarization of Zn and surface polarization of Cu were discovered during a study of the kinetics of metal deposition (using electrodeposition of Cu--Zn alloy) and are explained by concepts developed in the present work. Orig. art. has: 3 figures, 1 table, and 8 equations.

ASSOCIATION: none

SUBMITTED: 16 Dec 61

DATE ACQ: 12 Jun 63

ENCL: 00

SUB CODE: 00

NO REF SOV: 020

OTHER: 001

Card 1/1

PAVLOV, V.A.; SKIRSTYMONSKAYA-KROLIK, B.G.

Respiratory function of the blood in river lampreys [with summary in English]. Trudy Len. ob-va est. 73 no.4:235-240 '57. (MIRA 11:6)

1. Kafedra biologii Leningradskogo pediatricheskogo meditsinskogo instituta.

(LAMPREYS) (BLOOD--ANALYSIS AND CHEMISTRY)

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6473

Author: Malchenko, A. L., Krishtul, F. B., Skirstymonskiy, A. I.,
Kinzburskaya, F. M.

Institution: All-Union Scientific Research Institute of the Alcohol Industry

Title: Effect of Fermentation Conditions on Microflora Development in the Processing of Sugarbeets Molasses

Original

Publication: Tr. Vses. n.-i. in-ta spirt. prom-sti, 1955, No 5, 71-77

Abstract: Investigations of the effects of concentration and acidity of the wort, alcohol content, amount of yeast inoculum and fermentation temperature, on development and action of wild lactic acid bacteria (LB) and leuconostocs (L). It was found that with increase in the concentration of wort, regardless of its initial acidity, proliferation of LB is reduced and increase in acidity of the wort is inhibited, whereas increase of the initial acidity of the wort reduces somewhat the

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6473

Abstract: effect of its concentration, which is indicative of an additive action of these two factors. With an acidity up to 0.45° its increase becomes greater. With a concentration of 30° by the saccharimeter and an acidity of 0.8°, activity of LB is inhibited appreciably. Optimal acidity of wort in alcoholic fermentation of molasses, on utilizing effective antiseptics, is of 0.3-0.5°. With a concentration of 22° and an acidity of 0.6°, increase in the concentration of alcohol decreases the activity of LB and L. Up to 5% the effect of alcohol is slight, at 7% it is appreciable, and at 10% terminates proliferation and activity of microorganisms. It is advantageous to raise the alcohol content of yeast to 6%. With increasing amount of yeast of race "Ya" activity of LB and L during fermentation is decreased. The presence of L in the wort does not affect proliferation of yeast of race "Ya." On increase of temperature of fermentation from 27 to 30° growth and acid production of LB and L are activated. On processing molasses for alcohol it is recommended to maintain a high concentration of the wort, a high concentration of alcohol during the initial stages of fermentation and a high content of yeast cells.

Card 2/2

KRISHTUL, F.B.; MALCHENKO, A.L.; SKIRSTYMONSKIY, A.I.

~~_____~~
Bakers' yeast and fodder yeast from the production of molasses
alcohol. Spirt.prom. 21 no.1:17-19 '55. (MLRA 8:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti (for Krishtul and Malchenko). 2. Lekhvitskiy spirtovyy kombinat (for Skirstymonskiy).
(Yeast) (Fermentation)

SKIRTYMONSKIY, A I

CH The utilization of vinasse from alcohol factories which use beet-sugar molasses as raw material. A. L. Malcheako, F. B. Krishtul, and A. I. Skirtymonskiy (Alcohol Combine, Lohvitsk). *Spirovolyn Prom.* 21, No. 3, 8-11(1955).-- Vinasse (spent wash) is utilized in that it is first neutralized, then freed from CaSO_4 by the reaction $\text{CaSO}_4 + \text{Na}_2\text{CO}_3 \rightarrow \text{CaCO}_3 + \text{Na}_2\text{SO}_4$, the CaCO_3 being filtered off. Thereafter it is evapd. till it contains 75% solids, and then the glycerol is distd. off *in vacuo*, which leaves a vinasse with 80% solids; this in turn is dild. to 75% solids and burnt in thin layers (suitable app. presented as drawings). The heat of combustion is utilized and a salt mixt. is obtained as ash, m. approx. 600-700°. The ash is caught by slit of electrofilters and has approx. the following compn.: K_2CO_3 44-4, Na_2CO_3 20-2, K_2SO_4 12-14, KCl 12-15, $\text{K}_4\text{P}_2\text{O}_7$ 0.5-1.5, water insol. 5.8%. If the alk. found is expressed as K_2CO_3 , this ash contains 68-70% thereof. Thus 1 long ton of the 75% solids vinasse furnishes 70 kg. of the salt mixt.

Werner Jacobson

(2)

PAYEV, Z.A.

"Phosphorus nutrition of yeast in the fermentation of molasses
for alcohol." A.L. Malchenko, F.B. Krishtul, A.I. Skiratymon-
skij. Reviewed by Z.A. Raev. Spirt.prom. 21 no.4:39 55.

MLRA 9:3)

(Yeast) (Phosphates) (Malchenko, A.L.)

Skirstymonskiy, A.I.
USSR /Chemical Technology. Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32861

Author : Krishtul F.B., Skirstymonskiy A.I.

Title : Anti-Foaming Agents in the Production of Alcohol
from Molasses

Orig Pub: Spirt. prom-st', 1956, No 4, 10-11

Abstract: Under laboratory conditions the best anti-foaming
properties were exhibited by oleic acid and
fatty alcohols, and the worst by soap stock
(byproduct of alkaline refinement of fats). Use
of fatty alcohols did not affect the quality of
the alcohol. Tests at the Lokhvitskiy alcohol
combine in fermentation conducted by the single-

Card 1/2

USSR /Chemical Technology. Chemical Products
and Their Application

1-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32862

flow system, have shown that the rectified alcohol obtained meets the requirements of the GOST and is not inferior in quality to the alcohol produced with the use of soap stock. Expenditures of anti-foaming agent have been decreased.

Card 2/2

SKIRSTYMONSKIY, A. I.

Mr V Glycerol. A. S. Egorov, G. L. Vlenevskaya, and A. I. Skirstymonskiy. U.S.S.R. 104,690, Mar. 26, 1957. Glycerol is obtained by fermenting sugar-contg. solid at a pH most favorable to the activity of yeast cells. The intermediates of the alc. fermentation are fixed by the addition of hydroxylamine, hydrazine, and other compds. Having a free amino group. *Mr* M. H. H. H.

SKIRSTYMONSKIY, A.I.

By-products from the processing of molasses. Spirt.prom. 23
no.8:7-9 '57. (MIRA 11:1)
(Lukhovitsa--Distilling industries--By-products)

SKIRSTYMONSKIY, A.I.

Strontium and barium methods for separating sugar from feed molasses.
Sakh. prom. 31 no.4:12-19 Ap '57. (MIRA 10:6)

1. Lokhvitskiy spirtkombinat.
(Strontium) (Barium) (Sugar industry)

MALCHENKO, A.L.; KRISHTUL, F.B.; SKIRSTYMONSKIY, A.I.; Prinimala uchastiye:
ZAPRUDNOVA, Ye.P., khimik

Using hydrochloric acid in manufacturing alcohol from molasses.
Trudy TSNIISP no.6:49-53 '58. (MIRA 14:12)
(Alcohol) (Hydrochloric acid) (Molasses)

MAICHENKO, A.L.; KRISHTUL, F.B.; SKIRSTYMONSKIY, A.I.

Standard industrial flow sheet for the production of alcohol
from molasses. Spirt. prom. 24 no.1:6-11 '58. (MIRA 11:3)
(Molasses) (Alcohol).

KRISHTUL, F.B.; MALCHENKO, A.L.; SKIRSTYMONSKIY, A.I.; TABACHNIKOVA, R.I.

Improving quality of baker's yeast produced in alcohol plants.
Spir. prom. 24 no.8:4-6 '58. (MIRA 11:12)
(Yeast)

ALTUNDZHI, Sergey Vladimirovich; BUKHARIN, Viktor Vladimirovich;
DOBKINA, Yevgeniya Abramovna; KUZNETSOV, Nikolay Mikhaylo-
vich, inzh.; POPOVA, Kseniya Georgiyevna; TEZIKOV, Aleksandr
Dmitriyevich; FRADIN, Leon Romanovich; BAYL'KES, I.TS.,
doktor tekhn.nauk, retsenzent; SKIRSTYMONSKIY, A.I., inzh.,
retsenzent; PRITYKINA, L.A., red.; SOKOLOVA, I.A., tekhn.red.

[Production and use of liquid carbonic acid] Proizvodstvo i
primeneniye zhidkoi uglekiseloty. Moskva, Pishchepromizdat,
1959. 207 p. (MIRA 13:2)

(Carbonic acid)

--SKIRSTYMONSKIY, A.I.; prinalni uchastiye: PROMINSKIY, V., khimik;
SOLOMONENKO, O., khimik

Production of yeast concentrate containing vitamin D₂. Spirt.prom.
26 no.6:28-30 '60. (MIRA 13:11)
(Yeast) (Vitamins)

SKIRSTYNSKIY, Abram Iosifovich; LONDARENKO, O.P., red.; SIARODUB,
T.A., tekhn. red.

[Production of sodium glutamate]Proizvodstvo gliutamata na-
triia. Kiev, Gostekhizdat USSR, 1962. 38 p. (MIRA 15:11)
(Glutamic acid)

PAVLOSYUK, M.I.; SKIRSTIMONSKIY, A.I. [Skyrstymons'kyi, A.I.]

Production of trimethylamine from the wastes of distilling
industries. Khar. prom. no.1:57-59 Ja-Mr '63.
(MIRA 16:4)

(Trimethylamine)
(Distilling industries--By-products)

PAVLOSYUK, N.I.; SKIRSTYMONSKIY, A.I.

Obtaining choline from the waste of distilleries. Report No.2.
Trudy UkrNIISP no.8:15-19 '63. (MIRA 17:3)

SKIRSTYMCNSKIY, A.I.; PAVLOSUYUK, N.I.

Obtaining trimethylamine and choline chloride from discarded molasses.
Spiryt.prom. 29 no.5:29-33 '63. (MIRA 17:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtov i likero-vodoch-
noy promyshlennosti.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001551010017-0

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001551010017-0"

KOVAL', V.G.; SKIRSTYMONCHUK, V.I.; BORISOVA, B.S.; RUBCHENKO, B.S.;
LITVAK, L.M.; GRIVTSEVA, G.I.; SLESAREVA, S.I.

Changes in the composition of nitrogen substances in sorbates
dependent on the duration of sugar manufacture. Report No. 1.
Trudy UkrNIISP no.9:14-20 '67.

(NIIA 17:19)

1. Ukrainskiy nauchn -issledovatel'skiy institut spirtovoy i
likero-vodochnoy promyshlennosti (for Koval', Skirstymonchuk,
Borisova, Rubchenko). 2. Kiyevskiy tekhnologicheskiy institut
pishchevoy promyshlennosti im. Mikoyana (for Litvak, Grivtseva,
Slesareva).

SKIRSTYMONSKIY, A.I.; KRAVETS, Yu.M.; KOTENKO, S.I.; ERLIKH, M.Ya.;
NIKIFOROV, I.Ya.; BOYARSKAYA, G.V.

Experiment in industrial production of the fodder concentrate
of vitamin B 12. Form.1 spirt.prom. 31 no.1:29-31 '65. (MIRA 18:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut spirtovoy i
likerc-vodochnoy promyshlennosti (for Skirstymonskiy, Kravets,
Kotenko). 2. Ivan'kovskiy spirtozaved (for Erlikh, Nikiforov,
Boyarskaya).

SKRIPKIN, A.I.; KURKOVA, N.M.

Evaporation of seawater distiller's wort in the production of vitamin B12.
Ferm. i spirt. prom. 31 no.6:83-84, '65. (MIRA 18:9)

1. Ural'skiy mashino-strukturnyi i spirtovoy i likero-
vodochnoy promyshlennosti.

SKIRSTOMONSKIY, V.I., inzh.

Modern equipment for the purification of paper pulp. Bum.prom.
36 no.5:22-23 My '61. (MIRA 14:5)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
institut po proyektirovaniyu oborudovaniya dlya tsellyulozno-
bumazhnoy promyshlennosti.
(Paper industry--Equipment and supplies)

SKIBESTYMONSKIY. V.I.

Use of suction cylinder couches in automatic sheet handling machines.
Pov. skor. bumagodel. mash. no.1:38-55 '62.

(MIRA 18:10)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy
institut bumagodelatel'nogo mashinostroyeniya.

33569
S/194/61/000/012/056/097
D256/D303

6,4400

AUTHORS: Skirta, B. K. and Tupas, V. I.

TITLE: Frequency signal synchronous receiver systems (synchronous filter-generators)

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 62, abstract 12V536 (Avtomatiz. i prito-rostroenye. No. 1, Kiyev, Gostekhzdat Ukrainian SSR, 1959, 44-50)

TEXT: Synchronous filter-generators were developed by the Ukrainian SSR Gosplan Automation Institute for the purpose of frequency-signal selection. The synchronous filter-generators provide a possibility of separating useful signals at values of the signal/noise ratio smaller than one. The proposed system utilizes the method of synchronous storage, so that one obtains at the output an integral of the signal multiplied by the synchronous sinusoid voltage of the local heterodyne. The local heterodyne is synchronized by capturing its frequency by the frequency of the received signal. The synchro-

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SKIRTA, B.K. [Skyrta, B.K.] (Kiyev); STULOV, V.A. (Kiyev)

Successive decoder using magnetic elements. Avtomatyka
no.5:73-76 '61. (MIRA 14:10)
(Electronic apparatus and appliances)

35324

S/103/62/023/002/012/015
D230/D301

7 3277 (1524)
7 2200 (1482)

AUTHORS: Inozov, V. L., and Skirta, B. K. (Kiyev)

TITLE: Evaluating the combination frequency level and the permissible fluctuation level of frequency code telemechanics signals sent simultaneously

PERIODICAL: Avtomatika i telemekhanika, v. 23, no. 2, 1962, pp. 1-22

TEXT: Evaluation of component combination levels is performed analytically and the possibility of applying the simultaneous frequency samples is examined as a function of the coupling channel parameters. The engineering aspect is largely governed by the permissible limits of the variation of attenuation in the coupling channel. The combination frequencies can, in certain unfavorable conditions, exceed the operating level of frequency selectors; this leads to spurious operation of the device. Analytical evaluation of the combination frequency levels is presented for the most frequent transmission case of two sinusoidal signals of equal amplitude. The beat

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Evaluating the combination .

S/103/62/023/002/012/015
D230/D301

analysis of these two signals results in the following simple rule:
The ratio between the largest combination frequency level and the
signal level at the output of a non-linear, double frequency trans-
mission section is equal to the amplitude ratio of the largest
harmonic curve, and being the maximum output beat envelope, to the
amplitude of the fundamental of this curve. For fixed levels of com-
bination frequencies the permissible transmission range of teleme-
chanics signals, applying simultaneous frequencies, can be calcula-
ted simply. In the experimental work, results were obtained by us-
ing a frequency spectrum analyzer at the output of typical non-li-
near sections. These results are tabulated. There are 7 figures, 4
tables and 1 non-Soviet bloc references.

SUBMITTED: September 27 1961

Card 2/1

SMILOVICH, V.A., inzh.; ZHAK, V.Z., inzh.; SKIRTA, B.K., inzh.; STULOV, V.A.,
inzh.

Experience in operating a frequency remote control system and a
signaling system. Elek.sta. 33 no.2: 72-75 F '62. (MIRA 15:3)
(Telemetering)(Remote control)